

CERTIFICATE OF MAILING BY "EXPRESS MAIL" (37 CFR 1.10)

Attorney Docket No.: 1-00

Application No. : 09/815,296
Applicant: : Laura L. Kiessling
Filed: : March 21, 2001
For: : Methods and Reagents for the Regulation of Cellular Responses in Biological Systems

I hereby certify that the following correspondence, along with any other document referred to as being attached or enclosed,:

1. **Second Supplemental Information Disclosure Statement – 2 pages**
2. **Form 1449 – 1 page**
3. **6 references**
4. **Certificate of Mailing – 1 page**
5. **Return Postcard**

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IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

Application No. : 09/815,296
Confirmation No. : 4642
Applicant: : Laura L. Kiessling
Filed: : March 21, 2001
Examiner: : Shibuya,
Group Art Unit : 1639



For: METHODS AND REAGENTS FOR THE REGULATION OF CELLULAR
RESPONSES IN BIOLOGICAL SYSTEMS

Docket No. : 1-00A
Customer No. : 23713

SECOND SUPPLEMENTAL INFORMATION DISCLOSURE STATEMENT

MAIL STOP AMENDMENT
Commissioner for Patents
P.O. Box 1450
Alexandria, VA 22313-1450

Sir:


The Examiner is respectfully requested to consider the additional references, copies enclosed, which may qualify as prior art. For the Examiner's Convenience, the references are listed on the attached Patent and Trademark Office Form PTO-1449. Pursuant to the Waiver published in the Official Gazette on August 5, 2003, because this application was filed after June 30, 2003, copies of cited U.S. patents are not included, but will be provided upon request.

This submission is made under 37 CFR 1.97(c), and is not believed to require the payment of any fees. Each item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application less than three months prior to filing of this statement.

This information is cited in a spirit of forthrightness and cooperation to enable the applicants to obtain that measure of protection for the invention to which there is entitlement. However, no representation is made that the listed art actually qualifies as prior art under the patent statute and the mere use of PTO-1449 is not an admission that all listed references are prior art. No representation is made that applicants know of the best art.

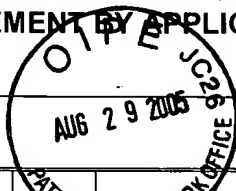
It is believed this submission does not require the payment of a fee. If this is incorrect, please deduct the required fee from deposit account 07-1969.

Respectfully submitted,


Sally A. Sullivan
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Attorney Docket No. 1-00A
lem:August 29, 2005

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|---|------------------------|----------------------------|
| Substitute for form 1449/PTO, based on PTO/SB/08A and 08B INFORMATION DISCLOSURE STATEMENT BY APPLICANT | Application Number | 09/815,296 |
| | Filing Date | 03/21/2001 |
| | First Named Inventor | Laura L. Kiessling |
| | Art Unit | 1639 |
| | Examiner Name | Shibuya, Mark Lance |
| | Attorney Docket Number | 1-00 |



U.S. PATENT DOCUMENTS

| Examiner Initial* | Cite No. ¹ | Patent Document Number (US-) | Publication Date (MM-DD-YYYY) | Name | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise) |
|-------------------|-----------------------|------------------------------|-------------------------------|------|---|
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FOREIGN PATENT DOCUMENTS

| Examiner Initial* | Cite No. ¹ | Foreign Patent Document Number (include WIPO country code) | Publication Date (MM-DD-YYYY) | Name | Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear (or entire document unless noted otherwise) | T ² |
|-------------------|-----------------------|---|-------------------------------|-------------------|---|----------------|
| | | WO99/48923 | 09/30/99 | Ben-Sasson | | |
| | | WO96/20236 | 07/04/96 | Kiessling. et al. | | |

NON-PATENT LITERATURE DOCUMENTS

| Examiner Initial* | Cite No. ¹ | REFERENCE Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published. | T ² |
|-------------------|-----------------------|--|----------------|
| | | Pohl, N.L. Kiessling, L.L. (1999), "Scope of Multivalent Ligand Function: Lactose-Bearing Neoglycopolymers by Ring-Opening Metathesis Polymerization," Synthesis No. SI: 1515-1519 | |
| | | Fraser, C. and Grubbs, R.H. (1995), "Synthesis of Glycopolymers of Controlled Molecular Weight by Ring-Opening Metathesis Polymerization Using Well-Defined Functional Group Tolerant Ruthenium Carbene Catalysts," Macromolecules 28 :7248-7255 | |
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| | | Hubble, J. (1999), "A model of multivalent ligand-receptor equilibria which explains the effect of multivalent binding inhibitors," Mol. Immunol. 36 :13-18 | |
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| Examiner Signature | Date Considered |
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*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

¹Applicant's unique citation designation number (optional).

²Applicant is to place a check mark here or "x" if English language Translation is attached.